

Plant

Species Added to the CALFED Conservation Strategy Sacramento River Region  
by Jones & Stokes Associates  
May 26, 1998

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|   |                            |  |         |       |       | Potential Effects on Species<br>in the Sacramento River Region |                                 |   |                      |
|---|----------------------------|--|---------|-------|-------|--|---------------------------------|---|----------------------|
| Type  | Common Name                | Scientific Name  | Status  |       |       | May Be<br>Affected   | Not Likely<br>to be<br>Affected | Not Enough<br>Information<br>on the Species | Decision<br>Criteria |
|   |                            |  | Federal | State | Other |  |                                 |   |                      |
| California Listed as Endangered, Threatened, Rare, or Fully Protected |                            |  |         |       |       |  |                                 |   |                      |
|   | Indian Valley brodiaea     | <i>Brodiaea coronaria ssp rosea</i>                        | -       | CE    | 1B    |  | X2                              |   | L                    |
| California Species of Special Concern, or CNPS List 1 or 2            |                            |  |         |       |       |  |                                 |   |                      |
| P   | Drymaria-like western flax | <i>Hesperolinon drymarioides</i>                           | -       | -     | 1B    |  | X2                              |   | G                    |
| P   | Dwarf soaproot             | <i>Chlorogalum pomeridianum</i> var. <i>minus</i>          | -       | -     | 1B    |  | X2                              |   | G                    |
| P   | Long-haired star-tulip     | <i>Calochortus longebarbatus</i> var. <i>longebarbatus</i> | -       | -     | 1B    |  | X2                              |   | G                    |
| P   | Marsh skullcap             | <i>Scutellaria galericulata</i>                            | -       | -     | 2     |  | X                               |   | G                    |
| P   | Mosquin's clarkia          | <i>Clarkia mosquinii ssp mosquinii</i>                     | -       | -     | 1B    |  | X                               |   | G                    |
| P   | Sticky pyrocoma            | <i>Pyrocoma lucida</i>                                     | -       | -     | 1B    |  | X2                              |   | G                    |
| P   | Tehama County western flax | <i>Hesperolinon tehamense</i>                              | -       | -     | 1B    |  | X2                              |   | G                    |
| P   | Vanilla-grass              | <i>Hierochloe odorata</i>                                  | -       | -     | 2     |  | X2                              |   | G                    |
| P   | Water bulrush              | <i>Scirpus subterminalis</i>                               | -       | -     | 2     |  | X2                              |   | G                    |

G = not likely to be covered in the conservation strategy

D-050149

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|  |                             |   |         |       |       | Potential Effects on Species<br>in the San Joaquin River Region |                                 |   |                      |
|--|-----------------------------|---|---------|-------|-------|---|---------------------------------|---|----------------------|
| Type   | Common Name                 | Scientific Name                                   | Status  |       |       | May Be<br>Affected  | Not Likely<br>to be<br>Affected | Not Enough<br>Information<br>on the Species | Decision<br>Criteria |
|  |                             |   | Federal | State | Other |   |                                 |   |                      |
| Federally Listed as Endangered or Threatened               |                             |   |         |       |       |   |                                 |   |                      |
|  | San Benito evening-primrose | <i>Camissonia benitensis</i>                      | T       | -     | 1B    |   | X2                              |   | L                    |
| P  | San Joaquin adobe sunburst  | <i>Pseudobahia peirsonii</i>                      | T       | CE    | 1B    |   | X2                              |   | L                    |
| Federally Proposed   |                             |   |         |       |       |   |                                 |   |                      |
| P  | California vervain          | <i>Verbena californica</i>                        | PT      | CT    | 1B    |   | X2                              |   | P                    |
| California Species of Special Concern, or CNPS List 1 or 2 |                             |   |         |       |       |   |                                 |   |                      |
| P  | Bristly sedge               | <i>Carex comosa</i>                               | -       | -     | 2     |   |                                 | X   | G                    |
| P  | Meadow sedge                | <i>Carex praticola</i>                            | -       | -     | 2     | X   |                                 |   | G                    |
| P  | San Benito spineflower      | <i>Chorizanthe biloba</i> var. <i>immemora</i>    | -       | -     | 1B    |   | X2                              |   | G                    |
| P  | Small's southern clarkia    | <i>Clarkia australis</i>                          | -       | -     | 1B    |   | X2                              |   | G                    |
| P  | Tuolumne fawn lily          | <i>Erythronium tuolumnense</i>                    | -       | -     | 1B    |   | X2                              |   | G                    |
|  | Rayless layia               | <i>Layia discoidea</i>                            | -       | -     | 1B    |   | X2                              |   | G                    |
| P  | Pale-yellow layia           | <i>Layia heterotricha</i>                         | -       | -     | 1B    |   | X2                              |   | G                    |
| P  | Indian Valley bush mallow   | <i>Malacothamnus aboriginum</i>                   | -       | -     | 1B    |   | X2                              |   | G                    |
| P  | Nuttall's pondweed          | <i>Potamogeton epihydrus</i> ssp <i>nuttallii</i> | -       | -     | 2     |   | X2                              |   | G                    |
| P  | Mad-dog skullcap            | <i>Scutellaria lateriflora</i>                    | -       | -     | 2     | X   |                                 |   | A                    |

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| Type                                    | Common Name     | Scientific Name           | Status  |       |       | Potential Effects on Species in the Bay Region |                           |                                       |                   |  |
|---|-----------------|---------------------------|---------|-------|-------|--|---------------------------|---------------------------------------|-------------------|--|
|   |                 |                           | Federal | State | Other | May Be Affected                                | Not Likely to be Affected | Not Enough Information on the Species | Decision Criteria |  |
|   |                 |                           |         |       |       |  |                           |                                       |                   |  |
| Other Species of Concern or CNPS List 3 |                 |                           |         |       |       |  |                           |                                       |                   |  |
|   | Marsh horsetail | <i>Equisetum palustre</i> | -       | -     | 3     |  |                           | X                                     | G                 |  |

D-050151

D-050151

| Type | Common Name | Scientific Name | Status  |       |       | Potential Effects on Species in the Bay Region |                           |                                       |                   |
|------|-------------|-----------------|---------|-------|-------|--|---------------------------|---------------------------------------|-------------------|
|      |             |                 | Federal | State | Other | May Be Affected                                | Not Likely to be Affected | Not Enough Information on the Species | Decision Criteria |

**Notes:**

Type: A = Amphibian, B = Bird, F = Fish, I = Invertebrate, M = Mammal, P = Plant, R = Reptile

**Federal Status:**

E = Listed as endangered under federal ESA  
 T = Listed as threatened under federal ESA  
 PE = Proposed for listing as endangered under ESA  
 PT = Proposed for listing as threatened under ESA  
 C = Candidate for listing under ESA  
 PR = Protected under the Bald and Golden Eagle Protection Act

**State Status:**

CE = Listed as endangered under CESA  
 CT = Listed as threatened under CESA  
 CCE = Candidate for listing as endangered under CESA  
 CCT = Candidate for listing as threatened under CESA  
 R = Listed as rare under California Native Plant Protection Act  
 CSC = California species of special concern  
 FP = Fully protected under California Fish and Game Code  
 SB = Specified birds under California Fish and Game Code

**Other Status:**

1A = California Native Plant Society List 1A  
 1B = California Native Plant Society List 1B  
 2 = California Native Plant Society List 2  
 3 = California Native Plant Society List 3  
 SC = other species of concern identified by CALFED

**Decision Criteria:**

A = Included because CALFED actions could affect a substantial portion of the species range or important habitat  
 B = Limited distribution or rarity of the species  
 L = Federal or California listed endangered, threatened, rare, or fully protected species  
 P = Potential to become federally or state listed

**Not Likely to be Affected:**

X1 = CALFED actions do not affect the species because habitat is not limiting and the species is mobile  
 X2 = Species occurs in areas that would not be affected by CALFED actions

**Not Enough Information on the Species:**

X = Not enough information on the species' biology or distribution to make a determination on effects

**May be Affected:**

X = CALFED actions may result in take of federal or California protected species, species are associated with habitat types or occur at specific locations that may be adversely or beneficially affected by CALFED depending on where CALFED actions would be implemented, or species that are rare or transient in the Bay Region and may be affected by CALFED depending on when or where CALFED actions would be implemented.

(R) = Species for which recovery is a CALFED objective.